

DIGITAL FILM PROCESSING METHOD AND SYSTEM

ABSTRACT OF THE DISCLOSURE

One aspect of the invention is a digital film processing system having a first light source operable to illuminate film. The digital film processing system also includes a first sensor operable to produce a first output in response to a first amount of light reflected from the film for a first time interval and a second sensor operable to produce a second output in response to a second amount of light passed through the film for the first time interval. The digital film processing system further includes processing circuitry coupled to the first light source and operable to adjust the output of the first light source in response to the first and second outputs so that the first sensor and the second sensor do not saturate. More particularly, the processing circuitry is further operable to adjust image data obtained from the film in response to the first and second outputs. In a further embodiment, the processing circuitry is further operable to adjust the output of the first light source in response to a film type.